



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/916,516	07/30/2001	Michael L. Aigen	FS-00534 (02890034AA)	9758

30743 7590 10/17/2005

WHITHAM, CURTIS & CHRISTOFFERSON, P.C.
11491 SUNSET HILLS ROAD
SUITE 340
RESTON, VA 20190

EXAMINER

ROCHE, TRENTON J

ART UNIT

PAPER NUMBER

2193

DATE MAILED: 10/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/916,516	AIGEN, MICHAEL L.	
	Examiner	Art Unit	
	Trenton J. Roche	2193	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2193

DETAILED ACTION

1. This office action is responsive to communications filed 21 July 2005.
2. Per applicant's request, amended claim 1 has been entered. Claims 1-13 are currently pending.
3. Claims 1-13 have been examined.

Response to Arguments

4. Applicant's arguments, see pages 16-24 of the Remarks, filed 21 July 2005, with respect to the rejection(s) of claim(s) 1-13 under 35 U.S.C. § 102(e) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of newly found prior art.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent

Application Publication 2002/0016954 A1 to Charisius et al. (hereinafter "Charisius")

Per claim 1:

Art Unit: 2193

Charisius discloses:

- An automated method for converting tables of data in a source database to components of a target application (“automatically generate an Enterprise JavaBean...from a database table...” in paragraph 0099)
- Obtaining by a computer identification of specified tables in said source database containing data usable in said target application (“from a database table...” in paragraph 0099. Further, note Figure 21B, item 2116.)
- A target location for said target application (Note Figure 22, the EJB Deployment Expert would allow a user to specify the location for the EJB)
- An application server being used for development of said target application at said target location (“Computer 2002 includes the software development tool...” in paragraph 0105)
- Reading by a computer definitions of said specified tables from said source database (“automatically generate...from a database table...” in paragraph 0099)
- Generating by a computer from said database definitions a plurality of source code files, said source code files being generated directly in a language of said target application, each said specified table being referenced consistently across said plurality of source code files, said plurality of source code files including object classes and deployment descriptors (“generate an Enterprise JavaBean...from a database table...” in paragraph 0099. Further, “an EJB that has attributes that mirror the attribute fields of the selected data structure and that has methods that access the attributes” in paragraph 0117. EJB’s contain object classes and deployment descriptors.)

Art Unit: 2193

- Said specified tables being made accessible to a remote client by said target application being developed using said plurality of source code files (“a client application...” in paragraph 0100)

substantially as claimed.

Per claim 2:

The rejection of claim 1 is incorporated, and further, Charisius discloses providing a user interface to permit the user to interact with the computer application program (“the software development tool graphically represents source code...” in paragraph 0118. Further, note at least Figure 27.), including in said obtaining step identification of d) an Enterprise JAVA Bean Java Archive (EJB Jar) file (“whether the type of object-oriented element is an EJB...” in paragraph 0116.), generating said plurality of source code files in said identified target location (“generates source code for the EJB that has a name that corresponds to the selected data structure...” in paragraph 0116), said application server supporting development of Enterprise JAVA Beans (EJBs) and supporting a Java Naming and Directory Interface (JNDI) to assist with said consistent table references, said plurality of source files comprising a Data JAVA file, a Home Interface JAVA file, a Remote Interface JAVA file, a Bean JAVA file, a Primary Key JAVA file, a Persistent JAVA file, an Enterprise JAVA Bean Deployment Descriptor XML file, an Enterprise JAVA Bean Jar batch command file, a Vendor-Specific Deployment XML file, and a Vendor-Specific Build batch command file as claimed (“Enterprise JavaBean...” in paragraph 0099.)

Per claim 3:

Art Unit: 2193

The rejection of claim 2 is incorporated, and further, Charisius discloses querying the database to get names of all tables related to the database, from which each of said specified tables are selected for encapsulation with an EJB; and querying the database to acquire information about fields within each of the specified tables as claimed (“generate an Enterprise JavaBean...from a database table...” in paragraph 0099. Further, “an EJB that has attributes that mirror the attribute fields of the selected data structure and that has methods that access the attributes” in paragraph 0117)

Per claims 4-13:

The rejection of claim 2 is incorporated, and further, claims 4-13 recite limitations as cited in claim 2. Further, Charisius discloses the steps of generating the Data JAVA file, Home Interface JAVA file, Remote Interface JAVA file, Bean JAVA file, Primary Key JAVA file, Persistent JAVA file, Enterprise JAVA Bean Deployment Descriptor XML file, Enterprise JAVA Bean Jar batch command file, Vendor-Specific Deployment XML file, and Vendor-Specific Build batch command file as claimed, therefore, the Examiner interprets that all cited limitations are merely naming conventions for the above stated files. Therefore, the limitations of claims 4-13 are met by the reference.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Art Unit: 2193

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Trenton J. Roche whose telephone number is (571) 272-3733. The examiner can normally be reached on Monday - Friday, 9:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571) 272-3719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Trenton J Roche
Examiner
Art Unit 2193

TJR



KAKALI CHAKI
ADVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100